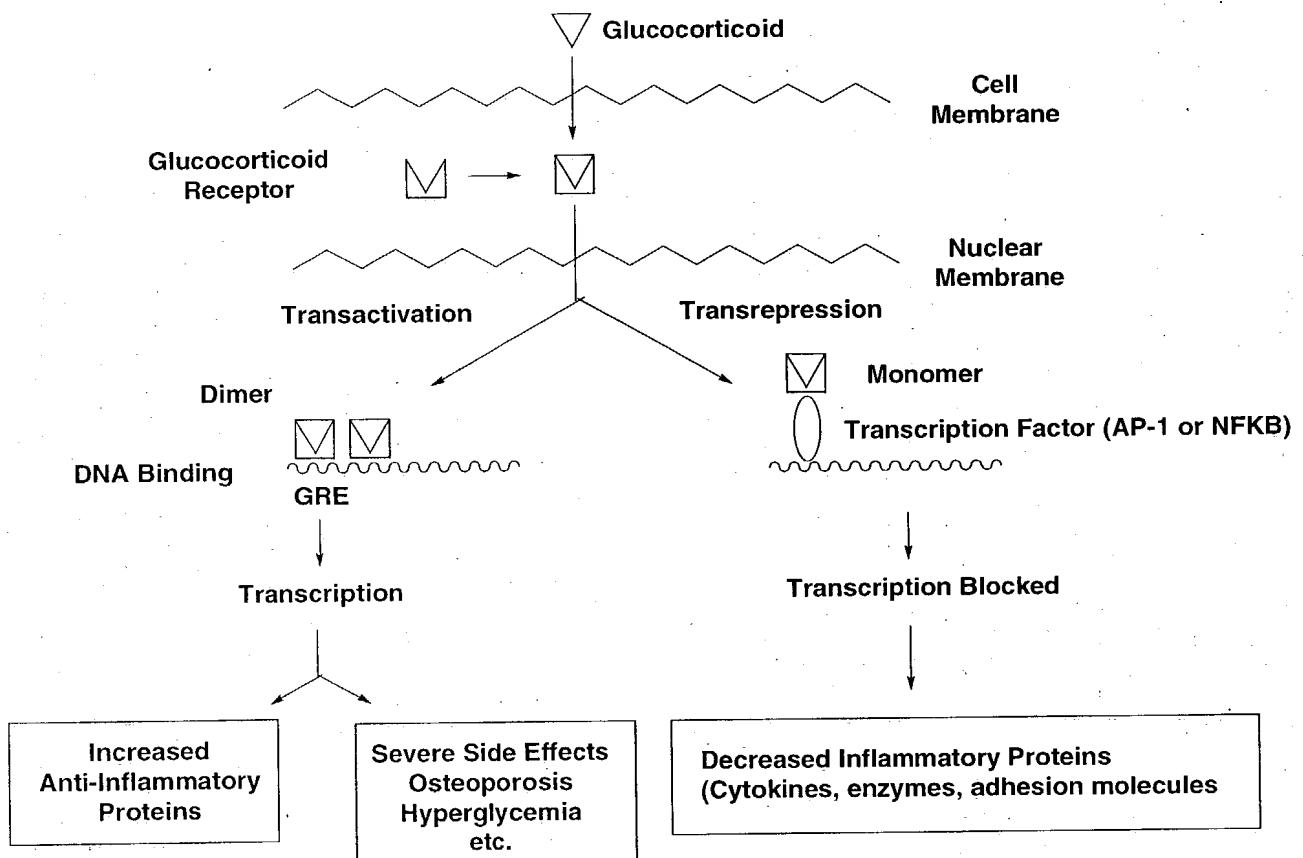


FIGURE 1

Dissociated Steroid: Transrepression > Transactivation



**FIGURE 2**

RXRalpha	225	S.....	ANEDM.....	.....	PVE.RILEAE LAVE. PKTET
RARgamma	182	L.....	SPQ..LEE.....	.....	LIT.KVSKAH QETF.P.....
PR	682	.....	.....Q.....	.....LI.....	P PLINLLMSIE ..PD.V.....
AR	669	.....	.....	.....C Q.....	P IFLNVLEAIE ..PG.V.....
ERalpha	305	.....	.....	.....SLALSLTAD	QMVSALLDAE ..PP.I.....
ERbeta	261	.....	.....	.....	DALSPE QLVLTLEAE ..PP.H.....
VitDR	120	LRPKL....	SEE..QQR.....	.....	IIA.ILLDAH HKTY.D.....
PPARgamma	207	E.....	SAD..LRA.....	.....	LAK.HLYDSY IKSF.P.....
MR	731	.....	.....S RA.....LT	.....	P SPVMVLENIE ..PE.I.....
TRbeta	211	.....KPEP TDE..EWE.....	.....	.....	LIK.TVTEAH VATNAQ.....
GR	523	.....	.....ATLPQLT	.....	P TLVSLLEVIE ..PE.V.....
RXRalpha	249	YVEANMGLNP	SSPNDPVTN.....	.....	IC.....
RARgamma	203	.....	.....	.....	S LCQL.GKYTT N.....
PR	699	.....	.....I YAGHDNTKPD	.....TSSSLTS.....	.....
AR	685	.....	.....V CAGHDNNQPD	.....SFAALLSS.....	.....
ERalpha	327	.....	.....L YSEYDPTRPF	.....SEASMMGL.....	.....
ERbeta	281	.....	.....V LISR.....	.....TEASMMMS.....	.....
VitDR	145	.....	.....	.....	P .....TYSDFCQFR
PPARgamma	.....	.....	.....	.....	.....
MR	750	.....	.....V YAGYDSSKPD	.....TAENLLST.....	.....
TRbeta	236	.....	.....	.....	G SHWKQKRKFL P.....
GR	544	.....	.....L YAGYDSSVPD	.....STWRIMTT.....	.....
RXRalpha	.....	.....	.....	.....	.....
RARgamma	214	SSADHRVQ	L.....	.....	.....
PR	.....	.....	.....	.....	.....
AR	.....	.....	.....	.....	.....
ERalpha	.....	.....	.....	.....	.....
ERbeta	.....	.....	.....	.....	.....
VitDR	155	PPVRV....	NDGGGSVTL ELS.....	.....	.....
PPARgamma	228	.....	.....LTKAKAR	.....AILTGKTTDK SPFVIYDMNS LMMGEDKIKF	.....
MR	.....	.....	.....	.....	.....
TRbeta	248	EDIGQAPK	V.....	.....	.....
GR	.....	.....	.....	.....	.....
RXRalpha	271	.....	.....Q...AADK	QLFTLVEWAK RIPHSELPL DDQVILLRAG	
RARgamma	223	.....	.....DLGLWDK FSE..	.....LATK CIIKIVEFAK RLPGFTGLSI ADQITLLKAA	
PR	718	.....	.....LNQLGER	QLLSVVKWSK SLPGFRNLHI DDQITLIQYS	
AR	705	.....	.....LNELGER	QLVHVVKWAK ALPGFRNLHV DDQMAVIQYS	
ERalpha	345	.....	.....LTNLADR	ELVHMINWAK RVPGFVDLTL HDQVHLLECA	
ERbeta	294	.....	.....LTKLADK	EIVHMISWAK KIPGFVELSL FDQVRLLESC	
VitDR	172	.....QLSMLPH	.....LAD...LVSY	SIQKVIGFAK MIPGFRLTS EDQIVLLKSS	
PPARgamma	265	KHITPLQEKS	KEVAIRIFQG CQF...RSVE	AVQEITEYAK SIPGFVNLDL NDQVTLKYG	
MR	769	.....	.....LNRLAGK	OMIQVVKWAK VLPGFKNLPL EDQITLIQYS	
TRbeta	257	.....DLEAFSH	FTK...IITP	AITRVVDEAK KLPMFCELPK EDQIILLKGC	
GR	563	.....	.....LNMLGGR	QVIAAVVKWAK AIPGFRNLHL DDQMTLLQYS	

FIGURE 2 (continued)

RXRalpha	306	WNELLIASFS	HRSIAV...	..KDGILLAT	GL...HVHRN	..S..AHSAG	VG.....
RARgamma	267	CDDILMLRIC	TRY...TPE.	..QDTMTFS	GL...TLNRT	..Q..MH...	NAGF...
PR	755	WMSLMVFLGL	WRSYK...H	VSGQMLYFAP	DL...ILNEQ	..R..MKESS	FY.....
AR	742	WMGLMVFAMG	WRSFT...N	VNSRMLYFAP	DL...VFNEY	..RM.HKSRM	Y.....
ERalpha	382	WLEILMIGLV	WRSME...	.HPGKLLFAP	NL...LLDRN	..Q.GKCVEG	MV.....
ERbeta	331	WMEVLMGLM	WRSID...	.HPGKLIFAP	DL...VLDRL	..E.GKCVEG	IL.....
VitDR	216	AIEVIMLRSN	ESF...TMD	...DMSWTCG	N.QDYKYRVS	..D..VT...	KAGH...
PPARgamma	322	VHEIIYTMIA	SLM...NK	...DGVLISE	GQ...GFMTR	E.F..LK...	SLRK
MR	806	WMCLSSFALS	WRSYK...H	TNSQFLYFAP	DL...VFNEE	.KM..HQSAM	YE.....
TRbeta	301	CMEIMSLRAA	VRY...DPE	..SETLTLNG	EM...AVTRG	..Q..LK...	NGGL...
GR	600	WMFLMAFALG	WRSYR...Q	SSANLLCFAP	DL...IINEQ	..R..MTLPC	MY.....
RXRalpha	345	...A.IF.DR	VLTELVSKMR	DMQMDKTELG	CLRAIVL.FN	PDSKG...LS	.....
RARgamma	305	..GP.LT.DL	VFAFAGQLL	PLEMDDTETG	LLSAICL.IC	GDRMD...LE	.....
PR	796	...S.LC.LT	MWQIPQEFV	KLQVSQEEFL	CMKVLLL.LN	.TIP.LEGLR	.....
AR	783	...S.QC.VR	MRHLSQEEFG	WLQITPQEF	CMKALLL.FS	.IIP.VDGLK	.....
ERalpha	422	...E.IF.DM	LLATSSRFR	MMNLQGEEFF	CLKSIIILNS	.GV.....	YTF.LSSTLK
ERbeta	371	...E.IF.DM	LLATTSSRFR	ELKLQHKEYL	CVKAMILLNS	.....	,LVTAT.Q
VitDR	255	..SLELI.EP	LIKFQVGLK	KLNLHEEEHV	LLMAICI.VS	PDRPG...VQ	.....
PPARgamma	359	PFGD.FM.EP	KFEFAVKFN	ALELDDSDLA	IFIAVII.LS	GDRPG...LL	.....
MR	848	...L..C.QG	MHQISLQFV	RLQLTFEY	IMKVLLL.LS	.TIP.KDGLK	.....
TRbeta	339	..GV.VS.DA	IFDLGMSLS	SFNLDDEVA	LLQAVLL.MS	SDRPG...LA	.....
GR	641	...D..QCKH	MLYVSSELH	RLQVSYEEYL	CMKTLLL.LS	.SVP.KDGLK	.....
RXRalpha	386	...NPAEVEA	LREKVYASLE	AYCKH..KYP	EQPG.....	..RFAKLLL	RLPALRSIGL
RARgamma	336	...EPEKVDK	LQEPLLEALR	LYARR..RRP	SQPY.....	..MFPRMLM	KITDLRGIST
PR	837	...SQTQFEE	MRSSYIRELI	KAIG...LRQ	K...GVV..S	SSQRFYQLTK	LLDNLHDLVK
AR	824	...NQKFFDE	LRMNYIKELD	RIIA...CKR	K...NPT..S	CSRRFYQLTK	LLDSVQPIAR
ERalpha	467	SLEEKDHIHR	VLDKITDTLI	HLMA...KAG	L...TLQ..Q	QHERLAQLLL	ILSHIRHMSN
ERbeta	411	DADSSRKLAH	LLNAVTDALV	WVIA...KSG	I...SSQ..Q	QSMRLANLLM	LLSHVRHASN
VitDR	297	...DAALIEA	IQDRLSNTLQ	TYIRC..RHP	PP.L.....	..LYAKMIQ	KLADLRSLNE
PPARgamma	402	..NVKPIED	IQDNLLQALE	LQLKL..NHP	ESSQ.....	..LFAKLLQ	KMTDLRQIVT
MR	888	...SQAAFEE	MRTNYIKELR	KMVT.KCPNN	S...G...Q	SWQRFYQLTK	LLDSMHDLVS
TRbeta	380	...CVERIEK	YQDSFLLAFE	HYINY..RKH	HVTH.....	..FWPKLLM	KVTDLRMI
GR	681	...SQELFDE	IRMTRYIKELG	KAIV...KRE	G...N..SSQ	NWQRFYQLTK	LLDSMHEVVE
RXRalpha	432	KCLEHFFFFK	LIGDTPIDTF	LMMEMLEAPHQ	MT.....	.....	.....
RARgamma	382	KGAERA....	....	....	ITLKMEI	PGP...MPP	LIREMLENP.
PR	886	QLHLYC...	....	....	....	....	L
AR	873	ELHQFT...	....	....	....	....	F
ERalpha	519	KGMEHL....	....	....	....	....	Y
ERbeta	463	KGMEHL....	....	....	....	....	L
VitDR	342	EHSKQY...	....	....	RCLSFQP	ECSMK..LTP	LVLEVFG...
PPARgamma	448	EHVQLL...	....	....	QVIKKTET	DMS...LHP	LLQEIYKDL.
MR	937	DLLEFC...	....	....	....	....	F
TRbeta	426	CHASRF...	....	....	LHMKVEC	PT...ELFPP	LFLEVFE...
GR	730	NLLNYC...	....	....	....	....	F

**FIGURE 2 (continued)**

FIGURE 3

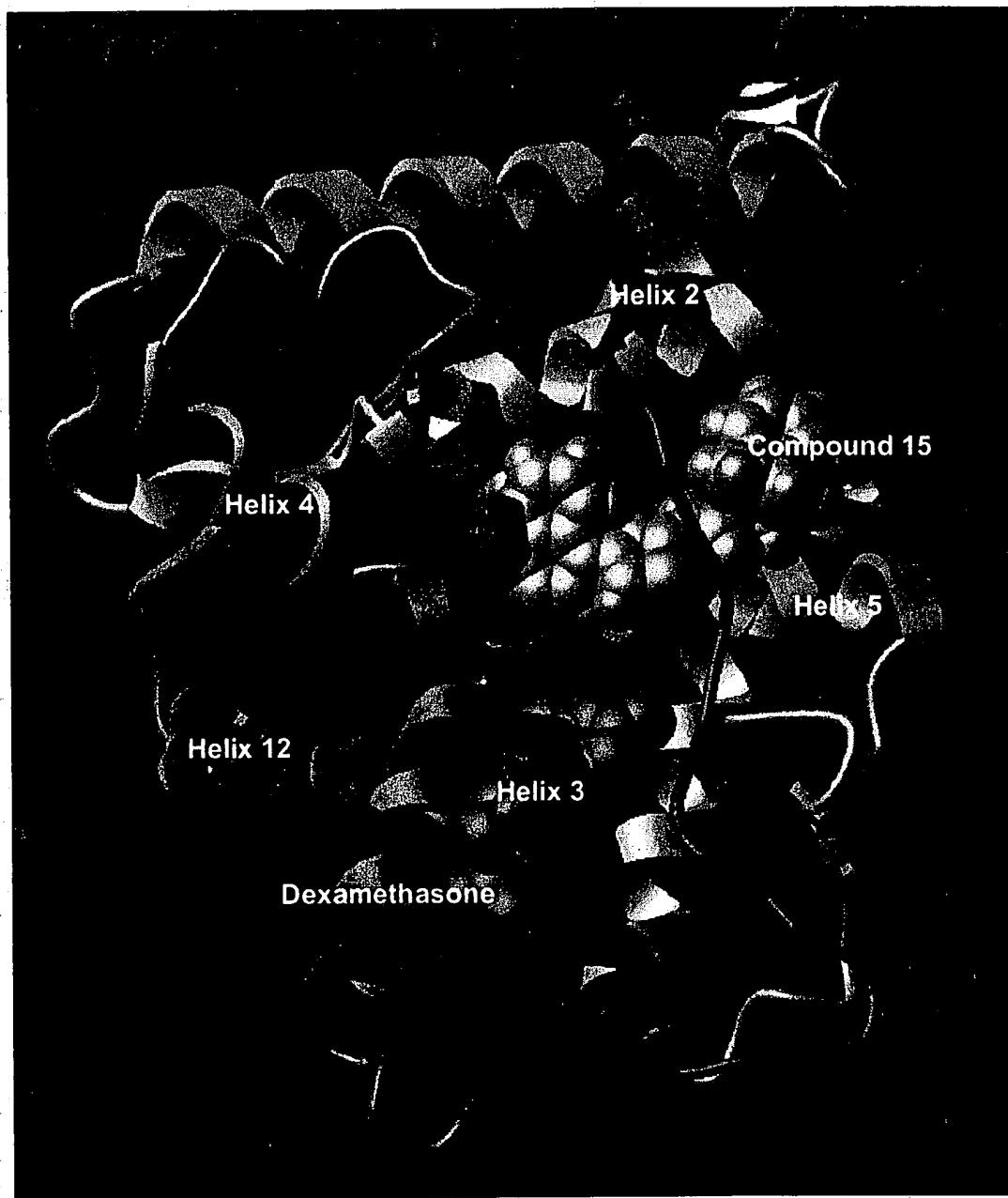


Figure 3.

FIGURE 4

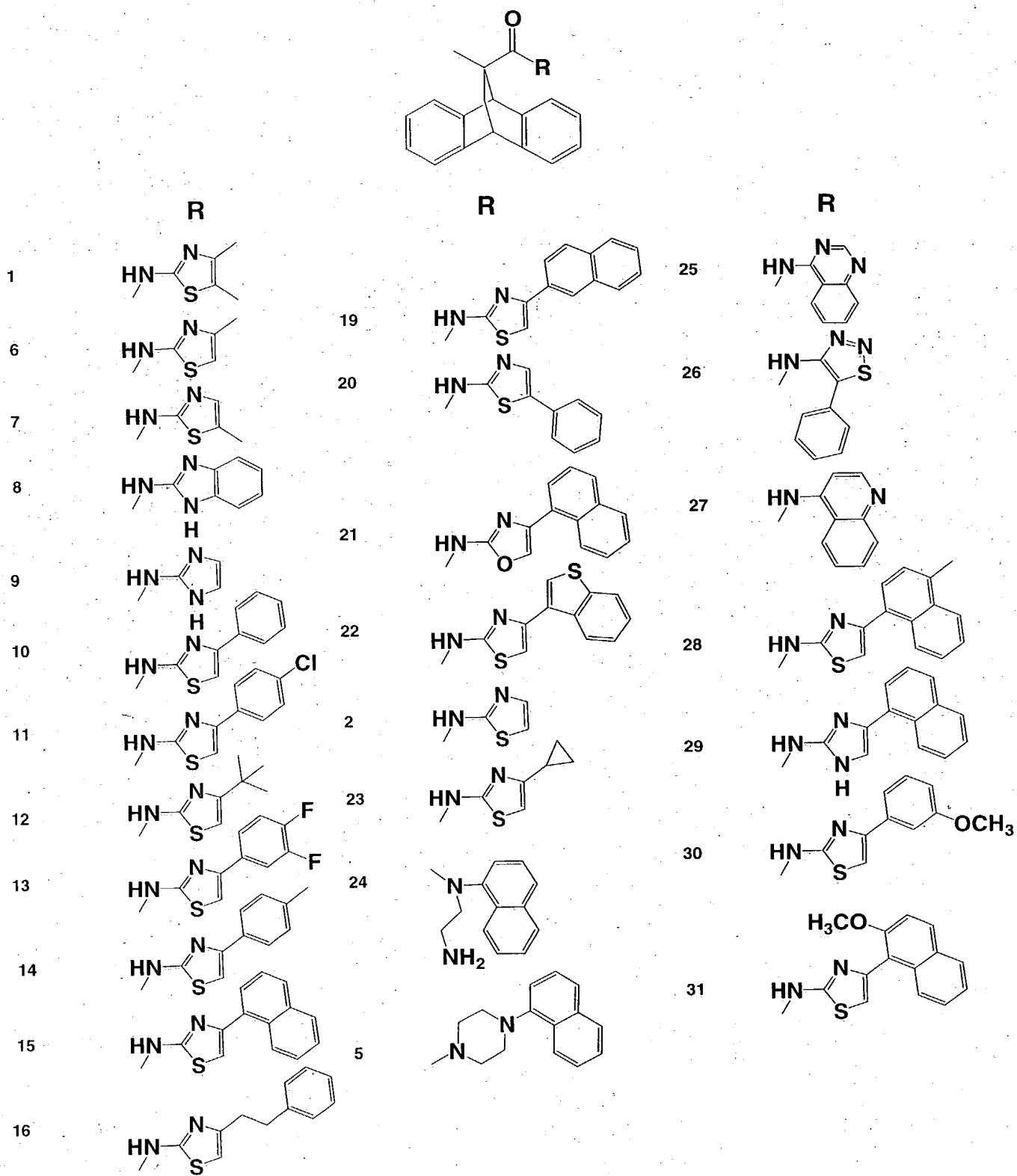


FIGURE 5

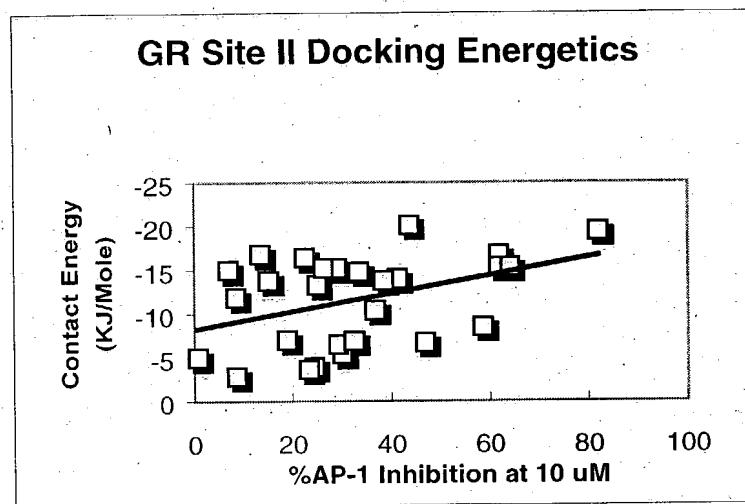


FIGURE 6

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

MDSKESLTP. GKEENPSSVL TQERGNVMDF CKILRGGATL KVSVSSTSLA  
 .....  
 MDLKESVTSS . KEVPSSVL GSERRNVIDF YKTVRGGATV KVSASSPSLA  
 MDSKESLTP. GKEENPSSVL TQERGNVMDF CKILRGGATL KVSVSSTSLA  
 MDSKESLTP. GKEENPSSVL TQERGNVMDF SKILRGGATL KVSVSSTSLA  
 MDSKESLTP. GREENPSSVL AQERGDVMDF YKTLRGGATV KVSASSPSLA  
 MDSKESLAPP. GRDEVPGSLL GQGRGSVMDF YKSLRGGATV KVSASSPSVA  
 MDSKESLAPP. GRDEVPSLL GRGRGSVMDL YKTLRGGATV KVSASSPSVA

AASQSDSKQQ RLLVDFPKGS VSNAQQ..... PDLS  
 ..... VSASSPSLA AVSQPDSDKQQ RLAVDFPKGS GSNAQQPDLS  
 AAAQSDSKQR RLLVDFPKGS GSNAQQ..... PDLS  
 AASQSDSKQQ RLLVDFPKGS VSNAQQ..... PDLS  
 AASQSDSKQQ RLLVDFPKGS VSNAQQ..... PDLS  
 VASQSDKQR RLLVDFPKGS VSNAQQ..... PDLS  
 AASQADSKQQ RILLDTSKGS TSNVQQRQQQ QQQQQQQQQQ QQQQQQPGLS  
 AASQADSKQQ RILLDTSKGS ASNAQQ..... QQ QQQQQPQPDLS

KAVALSMGLY MGETETKVMG NDLGFPQQQO ISLSSGETDL QLLEESIANL  
 KAVALSMGLY MGETETKVMG SDLGFPQQQO ISLSSGETDF RLLEESIANL  
 KAVALSMGLY MGETETKVMG NDLGFPQQQO ISLPSGETDF RLLEESIANL  
 KAVALSMGLY MGETETKVMG NDLGFPQQQO ISLSSGETDL QLLEESIANL  
 KAVALSMGLY MGETETKVMG NDLGFPQQQO ISLSSGETDL QLLEESIANL  
 KAVALSMGLY MGETETKVMG NDLGFPQQQO ISLSSGETDL KLLEESIANL  
 KAVALSMGLY MGETETKVMG NDLGYPQQQO LGLSSGETDF RLLEESIANL  
 KAVALSMGLY MGETETKVMG NDLGYPQQQO LGLSSGETDF RLLEESIANL

NRSTSVPENP KSSASSSVSA APKEKEFPKT HSDVSSEQQN LKGQTGSNNG  
 SRSTSVPENP KSSASAAGPA APAEKAFPKT HSDGAPEQPN VKGQTGTNGG  
 SRSTSVPENP KNSASA.VSG TPTE.EFPKT QSDLSSSEQEN LKSQAGTNNG  
 NRSTSVPENP KSSASSSVSA APKEKEFPKT HSDVSSEQQN LKGQTGTNGG  
 NRSTSVPENP KSSASSSVSA APKEKEFPKT HSDVSSEQQN LKGQTGTNGG  
 NRSTSVPENP KSSASTAVSA APTEKEFPKT HSDVSSEQQH LKGQTGTNGG  
 NRSTSVPENP KSSTSATGCA TPTEKEFPKT HSDASSEQQN RKSQTGTNGG  
 NRSTSVPENP KSSTPAAGCA TPTEKEFPKT HSDPSSEQQN RKSQPGTNNG

NVKLYTADQS TFDI....LQ DLEFSSGSPG KETNQSPWKS DLLIDENCLL  
 NVKLFTTDQS TFDIWRKKLQ DLELPSGSPG KETSESPWSS DLLIDENCLL  
 NVK.FPPDQS TFDI....LK DLEFSSGSPG KERSESPWRP DLLMDESCLL  
 NAKLC'TADQS TFDI....LQ DLEFSSGSPG KETNQSPWRS DLLIDENCLL  
 NVKLYTADQS TFDI....LQ DLEFSSGSPG KETNQSPWRS DLLIDENCLL  
 NVKLYTTDQS TFDI....LQ DLEFSSGSPG KETNESPWRs DLLIDENCLL  
 SVKLYPTDQS TFDL....LK DLEFSAGSPS KDTNESPWRs DLLIDEN.LL  
 SVKLYTTDQS TFDI....LQ DLEFSAGSPG KETNESPWRs DLLIDEN.LL

**FIGURE 6 (Continued)**

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

u87951 Squirrel  
 AF141371 Pig  
 113196 Guinea Pig  
 u87953 Marmoset  
 u87952 Ma'z Monkey  
 Human  
 m14053 rat  
 x04435 mouse

SPLAGEEDSF LLEGNSNEDC KPLILPDTKP KIKDNGDLVL SSSSNVTLPQ  
 SPLAGEEDPF LLEGSSTEDC KPLVLPDTKP KVKDNGELIL PSPNSVPLPQ  
 SPLAGEDDPF LLEGNSNEDC KPLILPDTKP KIKDNGDGIL SSSNSVPQPQ  
 SPLAGEEDSF LLEGNSNEDC KPLILPDTKP KIKDNGDLVL SSSSNVTLPQ  
 SPLAGEEDSF LLEGNSNEDC KPLILPDTKP KIKDNGDLVL SSSSNVTLPQ  
 SPLAGEEDSF LLEGNSNEDC KPLILPDTKP KIKDNGDLVL SSSSNVTLPQ  
 SPLAGEEDDPF LLEGNTNEDC KPLILPDTKP KIKDTGDTIL SSPSSVALPQ  
 SPLAGEEDDPF LLEGDVNEDC KPLILPDTKP KIQDTGDTIL SSPSSVALPQ.

VKTEKEDFIE LCTPGVIKQE KLSTVYCQAS FPGANIIGNK MSAISIHGV  
 VKTEKEDFIE LCTPGVIKQE KLGPAYCQAS FSGANIIGGK MSAISVHGVS  
 VKIGKEDFIE LCTPGVIKQE KLGPVYCQAS FSGANIIGNK MSAISVHGVS  
 VKTEKEDFIE LCTPGVIKQE KLSTVYCQAS FPGANIIGNK MSAISIHGV  
 VKTEKEDFIE LCTPGVIKQE KLSTVYCQAS FPGANVIGNK MSAISIHGV  
 VKTEKEDFIE LCTPGVIKQE KLGTVYCQAS FPGANIIGNK MSAISVHGVS  
 VKTEKDDFIE LCTPGVIKQE KLGPVYCQAS FSGTNIIIGNK MSAISVHGVS  
 VKTEKDDFIE LCTPGVIKQE KLGPVYCQAS FSGTNIIIGNK MSAISVHGVS

TSGGQMYHYD MNTA.SLSQQ QDQKPIFNVI PPIPGSENW NRCQGSGDDN  
 TSGGQLYHYD MNTAASLSKQ QEOKPLFNVI PPIPGSENW NRCQGSGDDN  
 TSGGQMYHYD MNTA.SLSQQ QDQKPIFNVI PPIPGSENW NRCQGSGEDN  
 TSGGQMYHYD MNTA.SLSQQ QDQKPIFNVI PPIPGSENW NRCQGSGDDN  
 TSGGQMYHYD MNTA.SLSQQ QDQKPIFNVI PPIPGSENW NRCQGSGDDN  
 TSGGQMYHYD MNTA.SLSQQ QDQKPIFNVI PPIPGSENW NRCQGSGDDN  
 TSGGQMYHYD MNTA.SLSQQ QDQKPVFNVI PPIPGSENW NRCQGSGEDS  
 TSGGQMYHYD MNTA.SLSQQ QDQKPVFNVI PPIPGSENW NRCQGSGEDN

LTSLGTLNFP GRTVFSNGYS SPSMRPDVSS PPSSSSTATT GPPPCLCLVC  
 LTSLGTLNFS GRSVFSNGYS SPGMRPDVSS PPSSSSAAT. GPPPCLCLVC  
 LTSLGTVNFP GRSVFSNGYS SPGLRPDVSS PPSSSST.TT GPPPCLCLVC  
 LTSLGTLNFP GRTVFSNGYS SPSMRPDVSS PPSSSSTATT GPPPCLCLVC  
 LTSLGTLNFP GRTVFSNGYS SPSMRPDVSS PPSSSSTATT GPPPCLCLVC  
 LTSLGTLNFP GRTVFSNGYS SPSMRPDVSS PPSSSSTATT GPPPCLCLVC  
 LTSLGALNFP GRSVFSNGYS SPGMRPDVSS PPSSSSAAT. GPPPCLCLVC  
 LTSLGAMNFA GRSVFSNGYS SPGMRPDVSS PPSSSSTAT. GPPPCLCLVC

SDEASGCHYG VLTCGSCKVF FKRAVEGQHN YLCAGRNDI IDKIRRKNC  
 SDEASGCHYG VLTCGSCKVF FKRAVEGQHN YLCAGRNDI IDKIRRKNC  
 SDELSGCHYG VLTCGSCKVF FKRAVEGQHN YLCAGRNDI IDKIRRENCP  
 SDEASGCHYG VLTCGSCKVF FKRAVEGQHN YLCAGRNDI IDKIRRKNC  
 SDEASVCHYG VLTCGSCKVF FKRAVEGQHN YLCAGRNDI IDKIRRKNC

**FIGURE 6 (Continued)**

u87951 Squirrel	ACRYRKCLQA GMNLEARKTK KKIKGIIQQAT TGVSQETSEN PANKTIVPAT
AF141371 Pig	ACRYRKCLQA GMNLEARKTK KKIKGIIQQAT TGVSQETSEN SANKTIVPAT
113196 Guinea Pig	ACRYRKCLQA GMNLQARKTK KKIKGIIQQAT TGVSQNTSEN P.NKTIVPAT
u87953 Marmoset	ACRYRKCLQA GMNLEARKTK KKIKGIIQQAT TGVSQETSEN PANKTIVPAT
u87952 Ma'z Monkey	ACRYRKCLQA GMNLEARKTK KKIKGIIQQAT TGVSQETSEN PANKTIVPAT
Human	ACRYRKCLQA GMNLEARKTK KKIKGIIQQAT TGVSQETSEN PGNKTIIVPAT
m14053 rat	ACRYRKCLQA GMNLEARKTK KKIKGIIQQAT AGVSQDTSEN P.NKTIVPAA
x04435 mouse	ACRYRKCLQA GMNLEARKTK KKIKGIIQQAT AGVSQDTSEN ANKTIVPAA
u87951 Squirrel	525 LPQLTPTLVS LLEVIEPEVL YAGYDSTVPD STWRIMTTLN MLGGROVIAA
AF141371 Pig	489 LPQLTPTLVS LLEVIEPEVL YAGYDSSIPD STWRIMTALN MLGGROVIAA
113196 Guinea Pig	519 LPQLTPTLVS LLEVIEPEVI HSGYDSTSPD STWRIMTTLN MLGGROVIAA
u87953 Marmoset	525 LPQLTPTLVS LLEVIEPEVL YAGYDSTVPD STWRIMTTLN MLGGROVIAA
u87952 Ma'z Monkey	525 LPQLTPTLVS LLEVIEPEVL YAGYDSTVPD STWRIMTTLN MLGGROVIAA
Human	525 LPQLTPTLVS LLEVIEPEVL YAGYDSSVPD STWRIMTTLN MLGGROVIAA
m14053 rat	543 LPQLTPTLVS LLEVIEPEVL YAGYDSSVPD SAWRIMTTLN MLGGROVIAA
x04435 mouse	531 LPQLTPTLVS LLEVIEPEVL YAGYDSSVPD SAWRIMTTLN MLGGROVIAA
u87951 Squirrel	575 VKWAKAIPGF RNLHLDQMT LLQYSWMFLM AFALGWRSYR QASSNLLCFA
AF141371 Pig	539 VKWAKAIPGF RNLHLDQMT LLQYSWMFLM VFALGWRSYR QSSASLLCFA
113196 Guinea Pig	569 VKWAKAIPGF KNLHLDQMT LLQYSWMFLM AFALGWRSYK QSNGSLLCFA
u87953 Marmoset	575 VKWAKAIPGF RNLHLDQMT LLQYSWMFLM AFALGWRSYR QASSNLLCFA
u87952 Ma'z Monkey	575 VKWAKAIPGF RNLHLDQMT LLQYSWMFLM AFALGWRSYR QASSNLLCFA
Human	575 VKWAKAIPGF RNLHLDQMT LLQYSWMFLM AFALGWRSYR QSSANLLCFA
m14053 rat	593 VKWAKAILGL RNLHLDQMT LLQYSWMFLM AFALGWRSYR QSSGNLLCFA
x04435 mouse	581 VKWAKAIPGF RNLHLDQMT LLQYSWMFLM AFALGWRSYR QASGNLLCFA
u87951 Squirrel	625 PDLIINEQRM TLPCMYSQCK HMLYVSELH RLQVSYEEYL CMKTLLLSS
AF141371 Pig	589 PDLVINEQRM ALPCMYSQCR HMLYVSELQ RLQVSYEEYL CMKTLLLSS
113196 Guinea Pig	619 PDLIINEQRM SLPWMYDQCR YMLYVSELK RLQVSYEEYL CMKTLLLSS
u87953 Marmoset	625 PDLIINEQRM TLPCMYSQCK HMLYVSELH RLQVSYEEYL CMKTLLLSS
u87952 Ma'z Monkey	625 PDLIINEQRM TLPCMYSQCK HMLYVSELH RLQVSYEEYL CMKTLLLSS
Human	625 PDLIINEQRM TLPCMYSQCK HMLYVSELH RLQVSYEEYL CMKTLLLSS
m14053 rat	643 PDLIINEQRM SLPWMYDQCR HMLFVSELQ RLQVSYEEYL CMKTLLLSS
x04435 mouse	631 PDLIINEQRM TLPCMYSQCK HMLFISTELQ RLQVSYEEYL CMKTLLLSS
u87951 Squirrel	VPKDGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS
AF141371 Pig	VPKDGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS
113196 Guinea Pig	VPKEGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS
u87953 Marmoset	VPKDGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS
u87952 Ma'z Monkey	VPKDGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS
Human	VPKEGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS
m14053 rat	VPKEGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS
x04435 mouse	VPKEGLKSQE LFDEIRMTYI KELGKAIVKR EGNSSQNWQR FYQLTKLLDS

**FIGURE 6 (Continu d)**

u87951 Squirrel  
AF141371 Pig  
113196 Guinea Pig  
u87953 Marmoset  
u87952 Ma'z Monkey  
Human  
m14053 rat  
x04435 mouse

MHEVVENLLN YCFQTFLDKT MSIEFPEMLA EIITNQLPKY SNGNIKKLLF  
MHDVVENLLN YCFQT.....  
LHEIVGNLLN ICFKTFLDKT MNIEFPEMLA EIITNQLPKY SNGDIKKLLF  
MHEVVENLLN YCFQTFLDKT MSIEFPEMLA EIITNQLPKY SNGNIRKLLF  
MHEVVENLLN YCFQTFLDKT MSIEFPEMLA EIITNQLPKY SNGNIKKLLF  
MHEVVENLLN YCFQTFLDKT MSIEFPEMLA EIITNQIPKY SNGNIKKLLF  
MHEVVENLLT YCFQTFLDKT MSIEFPEMLA EIITNQIPKY SNGNIKKLLF  
MHDVVENLLS YCFQTFLDKS MSIEFPEMLA EIITNQIPKY SNGNIKKLLF

u87951 Squirrel  
AF141371 Pig  
113196 Guinea Pig  
u87953 Marmoset  
u87952 Ma'z Monkey  
Human  
m14053 rat  
x04435 mouse

HQK  
...  
HQK  
HQK  
HQK  
HQK  
HQK  
HQK  
HQK

**FIGURE 7**

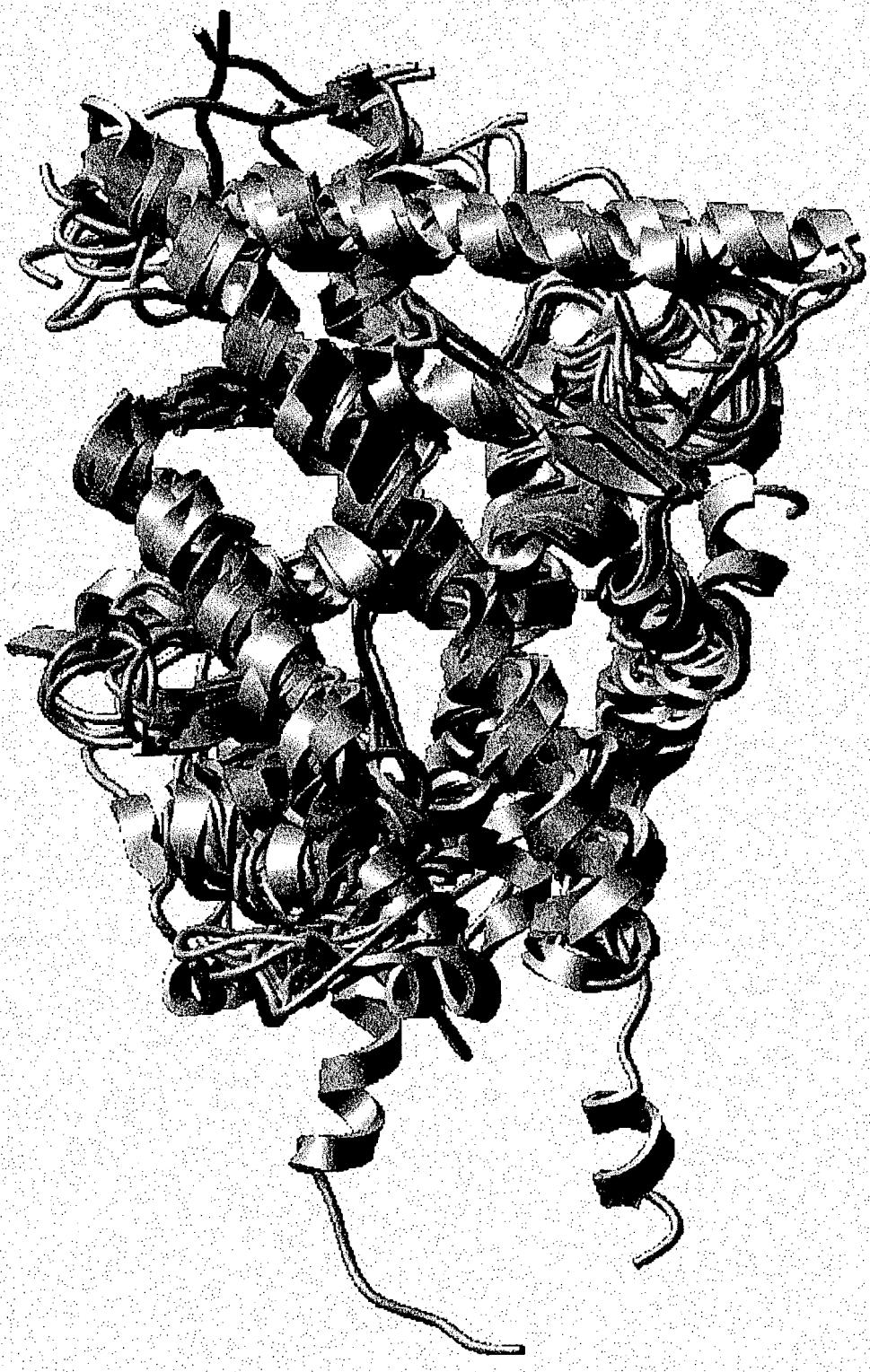
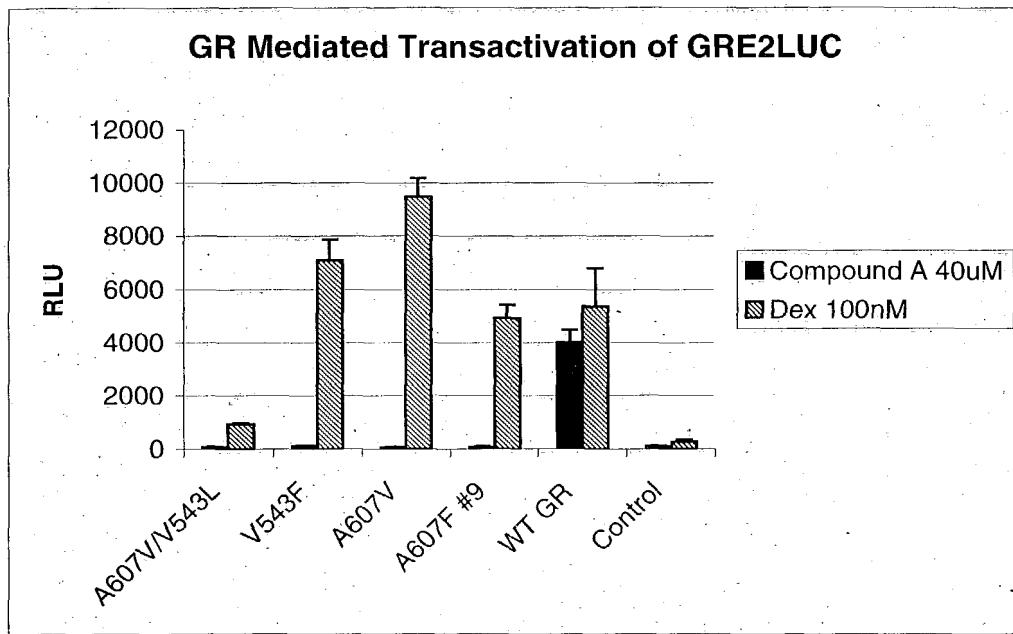
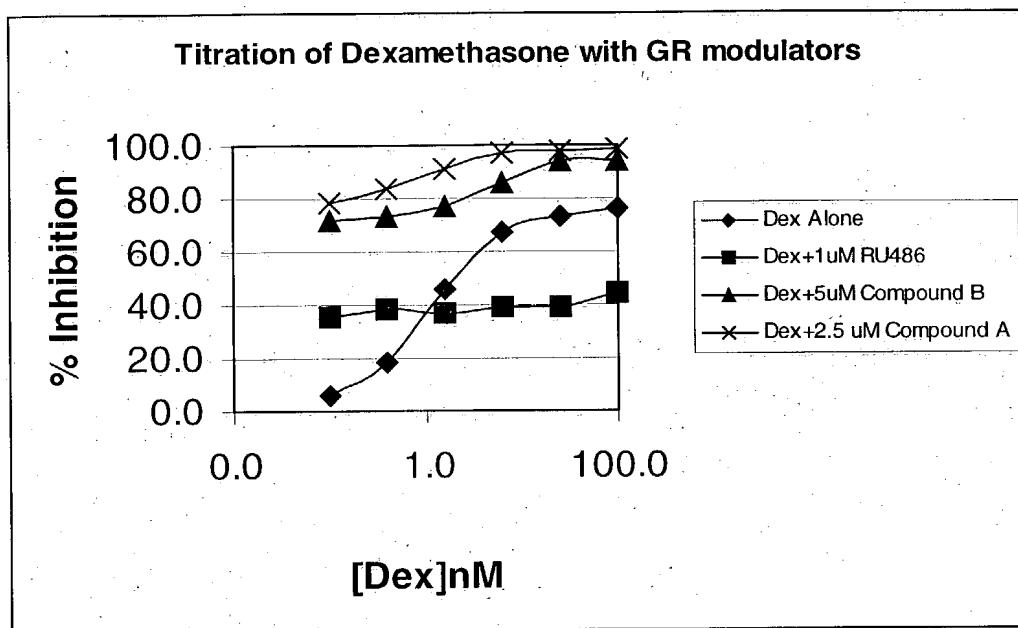


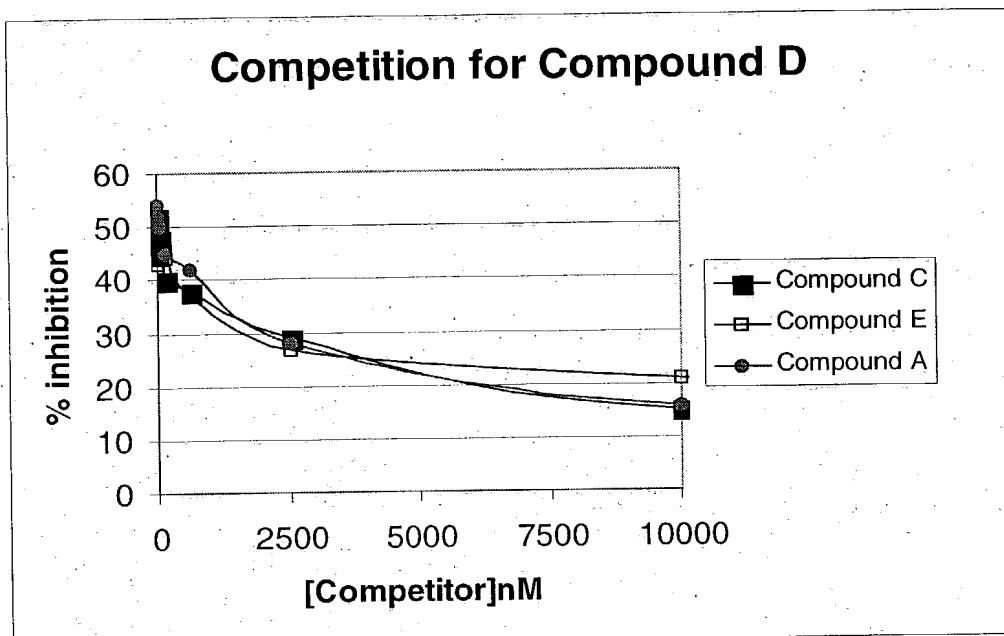
FIGURE 8



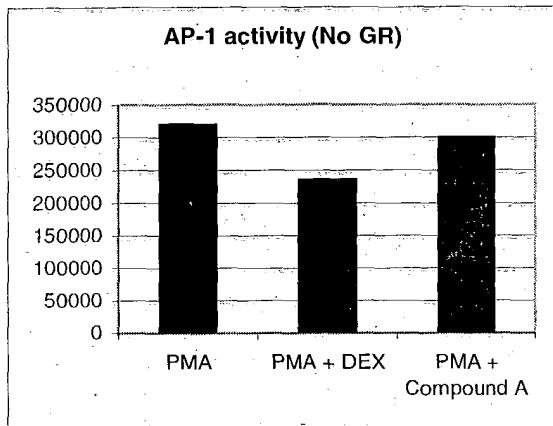
**FIGURE 9**



**FIGURE 10**



**FIGURE 11a**



**FIGURE 11b**

